				0	RDER FO	R SUPP	LIES OR S	ERVIC	ES				PAGE 1 OF	16
1.CONTRACT/PURCH.ORDER/ AGREEMENT NO. N65540-15-D-0005					2. DELIVERY ORDER/CALL NO.		3.DATE OF ORI (YYYYMMMD) 2016 Jul 20	D)	4. REQ./ P	URCH.REQUES	rno.	5.1	RIORITY	
I NO.4400					7. 41		DV Gf ath	an than t	O CODE	S5111A				
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14. SHIP TO CODE N64498 NSWC, CARDEROCK DIVISION, PHILADELPHIA DEFINITION (GID) (G						38	l n	MARK ALL PACKAGES AND PAPERS WITH IDENTIFICATION NUMBERS IN BLOCKS 1 AND 2.						
	DELIVERY/ X This delivery order/call is issued on another Government agency or in accordance with and subject to terms and conditions of above CALL							s ofabove nun	nbered contract.					
OF ORDER	OF PURCHASE Reference your quote dated													
If th		marke G ANI	LACT	OR	ICE. THE CONT IT MAY PREVI ITIONS SET FO ign Acceptance :	SIGNAT U	JRE	ERFORM 1	THE SAI				— DATE	SIGNED
18. ITEM		19. SCHEDULE OF SUPPLIES			LIES/ SERV	SERVICES 2		ANTITY DERED/ CEPTED	21. UNIT	NIT 22. UNIT PRICE 23. AMOU		OUNT		
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a. DATE (YYYYMMMDD) b. SIGNATURE AND TITLI					IT LE OF CERTIFYING OFFICER			_	TIAL			35. BILL (5. BILL OF LADING NO.	
37. RECE	IVED AT	Γ	38.	RECEIVED	ву	39. DATE (YYYYM)		40.TOTA		41. S/R ACCO	UNT NO	42. S/R V	OUCHER NO) .

Section B - Supplies or Services and Prices

CIN: 130056416300001

ITEM NO SUPPLIES/SERVICES **QUANTITY** UNIT **UNIT PRICE** AMOUNT 0002 **Engineering Services CPFF** FOB: Destination **ESTIMATED COST** FIXED FEE TOTAL EST COST + FEE **ITEM NO** SUPPLIES/SERVICES **QUANTITY** UNIT **UNIT PRICE** AMOUNT 0002AA Lot Holding SLIN CLIN 0002 **CPFF** This priced SLIN is a holding SLIN for administrative purposes. This SLIN will be reduced with every additional incremental funding modification. The total unfunded ceiling on CLIN 0002 is FOB: Destination **ESTIMATED COST** FIXED FEE TOTAL EST COST + FEE ITEM NO SUPPLIES/SERVICES **QUANTITY** UNIT **UNIT PRICE** AMOUNT 0002AB Lot Funding for CLIN 0002 **CPFF** FOB: Destination PURCHASE REQUEST NUMBER: 1300564163 **ESTIMATED COST FIXED FEE** TOTAL EST COST + FEE ACRN AA

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ITEM NO SUPPLIES/SERVICES QUANTITY UNIT UNIT PRICE

Support Costs
COST

AMOUNT

FOB: Destination

ESTIMATED COST

ITEM NO SUPPLIES/SERVICES QUANTITY UNIT UNIT PRICE AMOUNT 1 Lot

Holding SLIN for CLIN 0004

This priced SLIN is a holding SLIN for administrative purposes. This SLIN will be reduced with every additional incremental funding modification. The total unfunded ceiling on CLIN 0004 is

FOB: Destination

FFP

NET AMT

ITEM NO SUPPLIES/SERVICES QUANTITY UNIT UNIT PRICE AMOUNT Lot

Support Costs

COST

FOB: Destination

PURCHASE REQUEST NUMBER: 1300564163

ESTIMATED COST

ACRN AA

CIN: 130056416300002

INCREMENTAL FUNDING

Delivery order total dollar value:

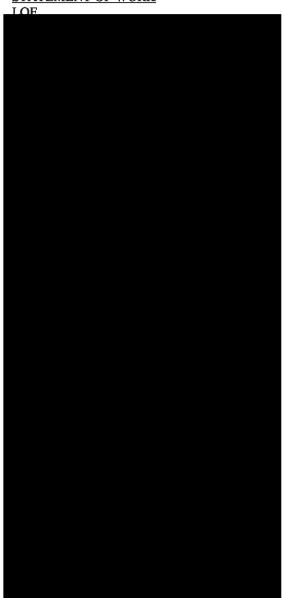
FOIA Exemption B4 Contractor Proprietary and Private

NOTE:

ADDING OF ANY SUBCONTRACTORS, APPROVED OR UNAPPROVED, MUST BE APPROVED BY THE CONTRACTING OFFICER REGARDLESS OF THE DOLLAR VALUE. THIS APPLIES TO BOTH LABOR OR ODC COSTS.

Section C - Descriptions and Specifications

STATEMENT OF WORK



STATEMENT OF WORK

1.0 BACKGROUND

1.1 Naval Surface Warfare Center Philadelphia Division (NSWCPD) Code 213, in support of the Hazardous Minimization Center (HAZMIN Center) Program, requires the accomplishment of Ship Alteration (SHIPALT) DDG51-288K aboard two (2) DDG-51 Class Ships. The SHIPALT provides structural, outfitting, piping, ventilation, and electrical system modifications to existing compartments to ensure the safe stowage of shipboard hazardous materials. The SHIPALT includes upgrades to space outfitting and ventilation in the HAZMIN Center which alleviate existing safety concerns and improve the habitability of the

spaces.

2.0 SCOPE

- 2.1 Accomplish the Hazardous Material Minimization Center (HAZMINCEN) SHIPALT DDG51-288K on two (2) DDG-51 Class Ships located in Mayport, Florida. Installation will include technical, blue-collar, and logistics support for, but not limited to, material procurement and kitting, prefabrication, material shipping, removal and reinstallation of all interferences, space modification and installation, testing of new and disturbed structures and systems, and related Quality Assurance. Contractor will provide all materials regardless of drawing designation of Installing Activity Furnished (IAF) or Government Furnished Material (GFM) and/or as directed by the Program Manager, tooling, and personnel for ship check and installation. All work will be in accordance with NAVSEA Ship Installation Drawings (SIDs) that are provided as GFI. Interface with host Shipyard will be required, as the shipyard will be responsible for hotwork and associated firewatch during the availabilities.
- 2.2 Affected spaces and required materials are identified on SIDs that are provided as Government Furnished Information (GFI). Applicable SIDs are identified in References 3.2 through 3.5 of this document.
- 2.3 SHIPALT installation, planning, and execution shall be accomplished in accordance with SIDs, NAVSEA Standard Items, and all references listed in Section 3 of this document.

3.0 APPLICABLE DOCUMENTS

- 3.1 Ship Alteration Record (SAR) for SHIPALT DDG51-228K
- 3.2 NAVSEA DWG: INSTL HAZMINCEN, ELEC MODS & ML (320-8670422 Rev A)
- 3.3 NAVSEA DWG: INSTL HAZMINCEN PIPING MODS & ML (505-8670423 Rev A)
- 3.4 NAVSEA DWG: INSTALL HAZMINCEN VENT MODS & ML (512-8670424 Rev A)
- 3.5 NAVSEA DWG: INSTL HAZMINCEN, HULL OUTFIT / STRL MODS & ML (672-8670425 Rev A)
- 3.6 NAVSEA DWG: INSTL HAZMINCEN, ELEC MODS & ML (320-8696657 Rev A)
- 3.7 NAVSEA DWG: INSTL HAZMINCEN PIPING MODS & ML (505-8696658 Rev A)
- 3.8 NAVSEA DWG: INSTALL HAZMINCEN VENT MODS & ML (512-8696659 Rev A)
- 3.9 NAVSEA DWG: INSTL HAZMINCEN, HULL OUTFIT / STRL MODS & ML (672-8696660 Rev A)

- 3.10 NAVSEA S9AAO-AB-G0S-010, "General Specifications for Overhaul (GSO) of Surface Ships".
- 3.11 NAVSEA SL720-AA-MAN-010/FMP, "Fleet Modernization Program (FMP) Management & Operations Manual".
- 3.12 NAVSEA Technical Specification 9090-310 (Rev G or latest), "Ship Alterations Accomplished by AIT".
- 3.13 NAVSSES Instruction 4720.2 (Rev F or latest), "Process and Policy for Shipboard Industrial Work" dated 28 July 2007.
- 3.14 NAVSEA Standard Items (http://www.supship.navy.mil/ssrac4/standard.htm)
- 3.15 S9074-AR-GIB-010/278 Requirements for Fabrication, Welding and Inspection, and Casting Inspection and Repair for Machinery, Piping and Pressure.
- 3.16 MIL-STD-1689 Fabrication, Welding and Inspection of Ships Structure.
- 3.17 SERMC Local Standard Items (http://www.navsea.navy.mii/CNRMC/SERMC/SSRAC1/default.aspx)

4.0 REQUIREMENTS

- 4.1 In support of the SHIPALT, the contractor shall participate in ship checks and review all referenced installation drawings in order to gain a complete understanding of installation, pre-fabrication requirements and quantity and type of cables and terminal connections required. The contractor should be aware that the specifics of the installation will change from ship to ship. The government will provide drawings to account for the differences specific to each hull closer to the time of installation. (CDRL-A013)
- 4.2 Using NAVSEA Standard Items and refs 3.12 & 3.13, the contractor shall develop a QA Workbook for each installation to be maintained and updated onsite. The QA Workbook shall be delivered to the NSWCPD Program Manager no later than forty-five (45) days prior to the start of the install (CDRL-A004) and shall be available on-site at all times during the installation. The contractor shall be responsible for developing, maintaining, and following all requirements for QA procedures. These Workbooks shall be used to keep an in-process record of Quality Control Inspections. A completed copy of the QA Workbook shall be provided to NSWCPD 2130 personnel within two weeks after completion of each installation. The QA Workbook must be accessible/viewable to NSWCPD onsite personnel during the entire availability and formatted as follows:

Section 1: Alteration/SC description

Section 2: Personnel Processes

Section 4: Installation POA&M

Section 5: SC/ SIDs or Install Procedures

Section 6: T&I Plan Section 7: T&I Records

4.3 Ensure compliance with all applicable Shipboard and industrial safety regulations and conform to Shipboard routine with regard to cleanliness, personnel conduct,

- and the Ship's security and integrity.
- 4.4 Provide all skilled and qualified personnel required to accomplish the SHIPALT as specified in this document including, but not limited to, prefabrication of components and pre- and post-installation testing required in the performance of the installation.
- 4.5 Provide verification of certification for welders, pipe fitters and all trades requiring certification. Personnel shall carry on their person a copy of the certification at all times during the alteration. No welder shall be permitted to work in connection with alteration to vessels unless they are, at the time, qualified to the standards established by the U.S Coast Guard American Bureau of Shipping or the Department of the Navy for the type of welding being performed. No welder shall be permitted to work on production applications of welding other than those for which they have been qualified and approved by NAVSEA Philadelphia.
- 4.6 Maintain all Process Control sheets in accordance with this Contract and individual orders against this Contract.
- 4.7 Make repairs to tooling, machinery/equipment damaged during manufacturing, assembly, or shipboard installation.
- 4.8 Perform equipment and system level light off and testing and assist the In-Service Engineering Agent (ISEA) with each system certification or inspection, as required.
- 4.9 Provide the Program Manager with a Project Schedule (POA&M) for the installation in Microsoft Project V4.0 or similar format fourteen (14) days after award of this DO and again upon each POA&M revision. Once the installation has begun, the POA&M shall be revised weekly to accurately represent the progress of each installation milestone, and shall include percentage completion data for each task. Any inconsistencies between work completion and expenditures shall be addressed to the satisfaction of the Program Manager.
- 4.10 Utilizing installation drawings, the contractor shall develop a material list detailing all material required to complete the installation. The contractor shall order all material, including items identified as Government Furnished Material (GFM), on the SIDs and purchase all incidental material required for the installation of the SHIPALT. The contractor shall provide the Program Manager with a complete inventory of material ordered for the installation and delivery schedule no later than fourteen (14) days after award of this DO. All outstanding material must be addressed by providing Estimated Delivery Date (EDD) until material is delivered.
- 4.11 Provide required personnel to accomplish packing of materials, equipment, tools,

- and prefabricated parts for shipping to and from the installation site.
- 4.12 Provide the Program Manager with a prefabrication schedule for each installation.
- 4.13 Provide overall status reports to the Program Manager in writing (memo or email) on a weekly basis from task initiation until the installation is complete. Status shall include efforts for advance-planning, material procurement, and installation progress.
- 4.14 Provide the Program Manager with overall material, installation, and financial status report via e-mail commencing fourteen (14) days after award of Delivery Order and monthly thereafter, or more frequently as conditions warrant. Information shall be provided at the task/ship level and shall address estimated costs, funded amount, expended amount, and remaining balance. Cost reporting shall address Labor and ODCs in terms of cost and hours.
- 4.15 Provide an informational packet describing the alteration, systems, and spaces impacted in support of the In-Brief for the installation in MS PowerPoint format.
- 4.16 Provide digital pictures of key events during the installation, as warranted, and of the completed installation. Digital pictures shall capture before/after configurations of key areas as well as any areas or events that would be enhanced by pictures.
- 4.17 Provide all Condition Reports to the Program Manager within one (1) week of identifying the condition.
- 4.18 Provide three (3) sets of red-line drawings (using SIDs, Paragraphs 3.2 through 3.5) at the completion of the installation to document the installed configuration. One (1) set shall be provided to the On-Site Installation Coordinator (OSIC) prior to departure to for delivery to the Ship; two (2) sets shall be provided to the Program Manager.
- 4.19 Provide a "Lessons Learned" report to the Program Manager within fourteen (14) days after completion of each installation.
- 4.20 Provide a DD-250 and Final Return Cost Report that identifies final costs of labor, material, travel and ODCs, including breakdown of ODC costs for each installation. Provide the Program Manager with a DD-250 and a final record of all Return Costs for each installation showing labor, material, ODC breakdown, and travel cost within thirty (30) days of completion of each installation.
- 4.21 The contractor shall provide the necessary facilities, equipment, tools and trained trade personnel to support installation and testing of all the Navigation Upgrade installed systems and interface equipment.

4.22 Contractor shall attend all on-site daily meetings between MSR, RMC, Ship's Force and NSWCPD.

5.0 DELIVERABLES/SCHEDULE

- 5.1 Provide the Program Manager with a Delivery Order Status Report within (14) days of award of this Delivery Order and provide updates weekly thereafter. Provide details on overall material, installation, and financial status via e-mail. Information shall be provided at the task/ship level. Status shall include efforts for advance-planning, material procurement, and installation progress. (CDRL-A001)
- 5.2 Provide the Program Manager with a Financial Status Report within (14) days of award of this Delivery Order and submit updates bi-weekly thereafter. Information shall be provided at the task/ship level and shall address estimated costs, funded amount, expended amount, and remaining balance. Cost reporting shall address Labor and ODCs in terms of cost and hours. Upon completion of the each installation, provide a DD-250 and Final Return Cost Report that identifies final costs of labor, material, travel and ODCs, including breakdown of ODC costs for each installation. (CDRL-A002)
- 5.3 Provide the Program Manager with a detailed Plan of Action and Milestones (POA&M) for each installation in Microsoft Project format in accordance with the requirements of Reference 3.12. The initial POA&M will be submitted within fourteen (14) days after award of this Delivery Order. Updated POA&Ms will be provided weekly for the duration of each installation. (CDRL-A003)
- 5.4 Provide the Program Manager with the Quality Assurance Workbook a minimum of forty-five (45) days prior to the beginning of industrial work for each installation. (CDRL-A004)
- 5.5 Provide the Program Manager with Weekly Production Status Reports for the duration of each installation. Status report shall address progress, work completed, work planned, conditions found, and concerns. (CDRL-A007)
- 5.6 Provide three (3) full sets of red-line drawings for the final installation upon completion of the alteration and prior to departure from the Ship as follows: two (2) sets to the Program Manager, and one (1) set to the Ship via the Government On-Site Installation Coordinator (OSIC). (CDRL-A008)
- 5.7 Provide the Program Manager with a "Lessons Learned" report within fourteen (14) days of each alteration completion. (CDRL-A009)
- 5.8 Provide the Program Manager with a material inventory status report and delivery schedule for the installation no later than fourteen (14) days after award of this

- Delivery Order. Updated material status reports shall be provided weekly until all material is received. (CDRL-A011)
- 5.9 Provide the Program Manager with a Shipcheck Report within fourteen (14) days of completion of pre-installation Shipcheck for each installation. (CDRL-A013)
- 5.10 Provide the Program Manager with the completed installation and check-out test reports, Sections 6 and 7 of the Quality Assurance Workbook. (CDRL-A014)
- 5.11 Provide the Program Manager with technical reports as required in section 4.12 (Prefabrication Schedule). (CDRL-A015)

6.0 SCHEDULE

6.1 The installation preparation will commence immediately upon Delivery Order award. A shipcheck will be required and scheduled by the Program Manager for each ship. Ship checks and installations will occur in Mayport, FL. The installations will occur during CNO availabilities beginning in October 2016 and April 2017.

7.0 GOVERNMENT FURNISHED INFORMATION/MATERIAL

- 7.1 Ship Installation Drawings (SIDs) as identified in Paragraphs 3.2 to 3.9.
- 7.2 Ship Alteration Record (SAR) SHIPALT DDG51-288K
- 7.3 Ship availability schedules.

8.0 CONTRACTOR FURNISHED MATERIAL

8.1 The contractor will provide all materials required to complete the work tasked under this Delivery Order (DO). The contractor will procure all material required per the SIDs as identified in Paragraphs 3.2 to 3.9, including any items listed as Government Furnished Material (GFM).

9.0 TRAVEL

- 9.1 Travel from Norfolk, VA to Mayport, FL to support shipcheck.
- 9.2 Travel from Norfolk, VA to Mayport, FL to support installation.

10.0 CLASSIFIED MATERIAL

10.1 None.

11.0 PERIOD OF PERFORMANCE

11.1 Award through September 30, 2017.

12.0 PLACES OF PERFORMANCE

12.1 Work under this DO will be performed in Mayport, FL in both Navy and commercial facilities.

13.0 OVERTIME

Overtime is requested for the installation team in order to complete the installation within the periods of availability of the ship.

14.0 CONTRACTING OFFICER'S REPRESENTATIVE (COR)

14.1 The COR for this Delivery Order is (b) (6)(b) (6)(b) (6)(b) (6)(b) (6)
(b) (6)(b) (6)(b) (6)

15.0 TECHNICAL POINT OF CONTACT (TPOC)

- 15.1 The TPOC for this Delivery Order is (b) (6)(b) (6)(b)
- 15.2 The ATPOC for this Delivery Order is (b) (6)(b) (6)(b

INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at:

CLIN INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0002 Destination	Government	Destination	Government
0002AA Destination	Government	Destination	Government
0002AB Destination	Government	Destination	Government
0004 Destination	Government	Destination	Government
0004AA Destination	Government	Destination	Government
0004AB Destination	Government	Destination	Government

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	DODAAC
0002	N/A	N/A	N/A	N/A
0002AA	POP 18-JUL-2016 TO 30-SEP-2017	N/A	NSWC, CARDEROCK DIVISION, PHILADELPHIA (b) (6)(b) (6)(b) (6) NAVAL BUSINESS CENTER 1601 LANGLEY AVENUE BLDG 542 E PHILADELPHIA PA 19112-5051 (b) (6)(b) (6) FOB: Destination	N64498
0002AB	POP 18-JUL-2016 TO 30-SEP-2017	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N64498
0004	N/A	N/A	N/A	N/A
0004AA	POP 18-JUL-2016 TO 30-SEP-2017	N/A	NSWC, CARDEROCK DIVISION, PHILADELPHIA (b) (6)(b) (6)(b) (6) NAVAL BUSINESS CENTER 1601 LANGLEY AVENUE BLDG 542 E PHILADELPHIA PA 19112-5051 (b) (6)(b) (6) FOB: Destination	N64498
0004AB	POP 18-JUL-2016 TO 30-SEP-2017	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N64498

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Section G - Contract Administration Data

ACCOUNTING AND APPROPRIATION DATA

AA: 1761804 8U5N 251 V5P00 0 050120 2D 000000

COST CODE: A00003383549

AMOUNT

CIN 130056416300001

CIN 130056416300002

Section J - List of Documents, Exhibits and Other Attachments

CDRLS

CDRLS

The following CDRLs will be uploaded into EDA:

- 1) A001 Delivery Order Status report.
- 2) A003 POA&M
- 3) A007 Weekly Production Status Reports
- 4) A009 Lessons Learned Report
- 5) A013 Shipcheck Report
- 6) A015 Technical Reports